

## Author index to volume 39

- Abramson, M., see Cain, S.T., 55  
Ahrén, B., see Gregersen, H., 157  
Alexander, B.D., see Samson, W.K., 103  
Bandi, J.C., see Ledesma de Paolo, M.I., 191  
Bang Olsen, U., Weis, J., Rat gastric relaxation induced by stimulation of endothelin-1 selective receptors, 113  
Baylor, L.M., see Rossowski, W.J., 9  
Björvell, H., see Wisén, O., 43  
Born, J., see Derad, I., 35  
Borson, D.B., see Di Maria, G.U., 137  
Buchanan, K.D., see Hayes, R.G.J., 147  
Buffa, R., see Pelagi, M., 201  
Cain, S.T., Abramson, M., Nemeroff, C.B., Effects of neuropeptid Y on caudate nucleus protein phosphorylation, 55  
Cantor, P., see Wisén, O., 43  
Celener, D., see Ledesma de Paolo, M.I., 191  
Celener Gravelle, F.P., see Ledesma de Paolo, M.I., 191  
Cervin, A., Neuropeptid Y 16–36 inhibits mucociliary activity but does not affect blood flow in the rabbit maxillary sinus in vivo, 237  
Cho, K.W., see Seul, K.H., 67  
Cooke, H.J., see Reddix, R.A., 215  
Coy, D.H., see Rossowski, W.J., 9  
Dadgar, A., see McIntosh, C.H.S., 83  
Dall, F.H., see Gregersen, H., 157  
Derad, I., Pauschinger, P., Born, J., Norepinephrine amplifies effects of vasopressin on the isolated rat heart, 35  
Di Maria, G.U., Katayama, M., Borson, D.B., Nadel, J.A., Neutral endopeptidase modulates endothelin-1-induced airway smooth muscle contraction in guinea-pig trachea, 137  
Ekman, R., see Scholle, S., 29  
Ekstrom, J., see Tobin, G., 95  
Ermellino, L., see Pelagi, M., 201  
Ertan, A., see Rossowski, W.J., 9  
Evangelista, S., Renzi, D., Tramontana, M., Surrenti, C., Theodorsson, E., Maggi, C.A., Cysteamine induced-duodenal ulcers are associated with a selective depletion in gastric and duodenal calcitonin gene-related peptide-like immunoreactivity in rats, 19  
Fernandez, L.B., see Ledesma de Paolo, M.I., 191  
Ferrell, W.R., see Scott, D.T., 227  
Ferrero, S., see Pelagi, M., 201  
Gall, D.G., see Hardin, J.A., 169  
Gasparri, A., see Pelagi, M., 201  
Giudici, A.M., see Pelagi, M., 201  
Glaser, S., see Scholle, S., 29  
Gomez-Sanchez, C., see Samson, W.K., 103  
Gonzalez, E., see Ledesma de Paolo, M.I., 191  
Gregersen, H., Dall, F.H., Jørgensen, C.S., Jensen, S.L., Ahrén, B., Effects of noradrenaline and galanin on duodenal motility in the isolated perfused porcine pancreatico-duodenal block, 157  
Hardin, J.A., Gall, D.G., The effect of TGF $\alpha$  on intestinal solute transport, 169  
Hayes, R.G.J., Shaw, C., Kitabgi, P., Buchanan, K.D., Different relative abundance of neuropeptid Y and neuromedin N in bovine ocular tissues, 147  
Huang, F.L.S., see Samson, W.K., 103  
Jeftinija, S., Liu, F., Jeftinija, K., Urban, L., Effect of capsaicin and resiniferatoxin on peptidergic neurons in cultured dorsal root ganglion, 123  
Jeftinija, K., see Jeftinija, S., 123  
Jensen, S.L., see Gregersen, H., 157  
Jiang, N.-Y., see Rossowski, W.J., 9  
Johansson, C., see Wisén, O., 43  
Jørgensen, C.S., see Gregersen, H., 157  
Katayama, M., see Di Maria, G.U., 137  
Kim, S.H., see Seul, K.H., 67  
Kitabgi, P., see Hayes, R.G.J., 147  
Konrad, E.M., Thibault, G., Schiffrin, E.L., Autoradiographic visualization of the natriuretic peptide receptor-B in rat tissues, 177  
Kwok, Y.N., see McIntosh, C.H.S., 83  
Lam, F.Y., see Scott, D.T., 227  
Ledesma de Paolo, M.I., Celener Gravelle, F.P., Celener, D., Gonzalez, E., Rosembeck, G., Bandi, J.C., Fernandez, L.B., Influence of VIP on the number of enterochromaffin and

- mucosal mast cells in the colon of the rat, 191  
 Liu, F., see Jeftinija, S., 123  
 Madamba, S., see Zeise, M.L., 1  
 Maggi, C.A., see Evangelista, S., 19  
 McIntosh, C.H.S., Dadgar, A., Kwok, Y.N., Cholinergic stimulation of neuropeptide Y secretion from the isolated perfused rat stomach, 83  
 Mungan, Z., see Rossowski, W.J., 9  
 Nadel, J.A., see Di Maria, G.U., 137  
 Nemeroff, C.B., see Cain, S.T., 55  
 Ozmen, V., see Rossowski, W.J., 9  
 Pauschinger, P., see Derad, I., 35  
 Pelagi, M., Zanini, A., Gasparri, A., Ermellino, L., Giudici, A.M., Ferrero, S., Siccardi, A.G., Buffa, R., Immunodetection of secretogranin II in animal and human tissues by new monoclonal antibodies, 201  
 Reddix, R.A., Cooke, H.J., Neurokinin 1 receptors mediate substance P-induced changes in ion transport in guinea-pig ileum, 215  
 Renzi, D., see Evangelista, S., 19  
 Rosembeck, G., see Ledesma de Paolo, M.I., 191  
 Rossowski, W.J., Zacharia, S., Mungan, Z., Ozmen, V., Ertan, A., Baylor, L.M., Jiang, N.-Y., Coy, D.H., Reduced gastric acid inhibitory effect of a pGIP(1-30)NH<sub>2</sub> fragment with potent pancreatic amylase inhibitory activity, 9  
 Samson, W.K., Skala, K.D., Alexander, B.D., Huang, F.L.S., Gomez-Sanchez, C., A prolactin release inhibiting activity isolated from neurointermediate lobe extracts is an endothelin-like peptide, 103  
 Schiffrin, E.L., see Konrad, E.M., 177  
 Scholle, S., Zwacka, G., Ekman, R., Glaser, S., Plasma levels of DSIP in infants in the first year of life and SIDS risk, 29  
 Scott, D.T., Lam, F.Y., Ferrell, W.R., Acute inflammation enhances substance P-induced plasma protein extravasation in the rat knee joint, 227  
 Seul, K.H., Cho, K.W., Kim, S.H., Right atrial predominance of atrial natriuretic peptide secretion in isolated perfused rat atria, 67  
 Shaw, C., see Hayes, R.G.J., 147  
 Siccardi, A.G., see Pelagi, M., 201  
 Siggins, G.R., see Zeise, M.L., 1  
 Skala, K.D., see Samson, W.K., 103  
 Surrenti, C., see Evangelista, S., 19  
 Theodorsson, E., see Wisén, O., 43  
 Theodorsson, E., see Evangelista, S., 19  
 Thibault, G., see Konrad, E.M., 177  
 Tobin, G., Ekström, J., Parasympathetic NANC-secretion of saliva in the mink, and effects of substance P and VIP, 95  
 Tramontana, M., see Evangelista, S., 19  
 Urban, L., see Jeftinija, S., 123  
 Weis, J., see Bang Olsen, U., 113  
 Wisén, O., Björvell, H., Cantor, P., Johansson, C., Theodorsson, E., Plasma concentrations of regulatory peptides in obesity following modified sham feeding (MSF) and a liquid test meal, 43  
 Zacharia, S., see Rossowski, W.J., 9  
 Zanini, A., see Pelagi, M., 201  
 Zeise, M.L., Madamba, S., Siggins, G.R., Interleukin-1 $\beta$  increases synaptic inhibition in rat hippocampal pyramidal neurons in vitro, 1  
 Zwacka, G., see Scholle, S., 29

## Key word index to volume 39

- Adrenal gland; C-type natriuretic peptide; Atrial natriuretic peptide; Autoradiography in vitro; Brain; Pituitary gland, 177  
α-Adrenoceptor; Galanin; Motility; Pancreatico-duodenal segment, 157  
ANF; Distension-reduction; Stretch; Secretion; Atria; Atrial natriuretic peptide, 67  
Anterior pituitary gland; Neuroendocrine; Paracrine; Lactotroph; Peptide, 103  
Arginine-vasopressin; Norepinephrine; Isolated working heart; Coronary constriction; Cardiac activity, 35  
Atria; Atrial natriuretic peptide; ANF; Distension-reduction; Stretch; Secretion, 67  
Atrial natriuretic peptide; Autoradiography in vitro; Brain; Pituitary gland; Adrenal gland; C-type natriuretic peptide, 177  
Atrial natriuretic peptide; ANF; Distension-reduction; Stretch; Secretion; Atria, 67  
Autoradiography in vitro; Brain; Pituitary gland; Adrenal gland; C-type natriuretic peptide; Atrial natriuretic peptide, 177  
Blood flow; Laser Doppler flowmetry; Maxillary sinus; Mucociliary activity; Neuropeptide Y 1–36; Neuropeptide Y 16–36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY; PYY; Rabbit, 237  
Bombesin-stimulated amylase secretion; Gastric acid secretion; Chronic gastric fistula rat; Gastric inhibitory polypeptide; pGIP; pGIP(1–30)NH<sub>2</sub>, 9  
Bovine eye; Radioimmunoassay; Reverse phase HPLC; Neurotensin; Neuromedin N; Precursor processing, 147  
Brain; Pituitary gland; Adrenal gland; C-type natriuretic peptide; Atrial natriuretic peptide; Autoradiography in vitro, 177  
C-type natriuretic peptide; Atrial natriuretic peptide; Autoradiography in vitro; Brain; Pituitary gland; Adrenal gland, 177  
Calcitonin gene-related peptide (CGRP); Peptide; Gastric lesion; Duodenal ulcer; Capsaicin; Cysteamine, 19  
Calcitonin gene-related peptide; Primary sensory neuron; Neurotoxicity; Organotypic culture; Substance P, 123  
Calcium; Neurotensin; Protein phosphorylation; Caudate nucleus; P<sub>2</sub> fraction; Electrophoresis, 55  
Capsaicin; Cysteamine; Calcitonin gene-related peptide (CGRP); Peptide; Gastric lesion; Duodenal ulcer, 19  
Cardiac activity; Arginine-vasopressin; Norepinephrine; Isolated working heart; Coronary constriction, 35  
Carrageenan; Protein extravasation; Substance P; Joint inflammation, 227  
Caudate nucleus; P<sub>2</sub> fraction; Electrophoresis; Calcium; Neurotensin; Protein phosphorylation, 55  
Cholecystokinin; Neurotensin; Somatostatin; Gastrin; Pancreatic polypeptide; Radioimmunoassay, 43  
Cholinergic stimulation; Rat; Gastrointestinal tract; Neuropeptide Y, 83  
Chronic gastric fistula rat; Gastric inhibitory polypeptide; pGIP; pGIP(1–30)NH<sub>2</sub>; Bombesin-stimulated amylase secretion; Gastric acid secretion, 9  
Coronary constriction; Cardiac activity; Arginine-vasopressin; Norepinephrine; Isolated working heart, 35  
Cysteamine; Calcitonin gene-related peptide (CGRP); Peptide; Gastric lesion; Duodenal ulcer; Capsaicin, 19  
Cytokine; GABA; Interneuronal communication; Intracellular recording; Neuronal plasticity; Synaptic conductance, 1  
Distension-reduction; Stretch; Secretion; Atria; Atrial natriuretic peptide; ANF, 67  
Duodenal ulcer; Capsaicin; Cysteamine; Calcitonin gene-related peptide (CGRP); Peptide; Gastric lesion, 19  
Electrophoresis; Calcium; Neurotensin; Protein phosphorylation; Caudate nucleus; P<sub>2</sub> fraction, 55

- Enkephalinase; Peptide; Peptidase; Tachykinin metabolism, 137
- Enterochromaffin cell; Serotonin; Mucosal mast cell; Vasoactive intestinal peptide, 191
- Epidermal growth factor; TGF $\alpha$ ; Intestinal solute transport, 169
- Fluid and protein secretion; Synergism between substance P and VIP; Parotid and submandibular gland, 95
- Full-term baby; Preterm baby; Neuropeptide; Radioimmunoassay; Sleep; Polysomnography, 29
- Fundus strip; Gastric motility; Peptide; Potassium channel, 113
- GABA; Interneuronal communication; Intracellular recording; Neuronal plasticity; Synaptic conductance; Cytokine, 1
- Galanin; Motility; Pancreatico-duodenal segment;  $\alpha$ -Adrenoceptor, 157
- Gastric acid secretion; Chronic gastric fistula rat; Gastric inhibitory polypeptide; pGIP; pGIP(1–30)NH<sub>2</sub>; Bombesin-stimulated amylase secretion, 9
- Gastric inhibitory polypeptide; pGIP; pGIP(1–30)NH<sub>2</sub>; Bombesin-stimulated amylase secretion; Gastric acid secretion; Chronic gastric fistula rat, 9
- Gastric lesion; Duodenal ulcer; Capsaicin; Cysteamine; Calcitonin gene-related peptide (CGRP); Peptide, 19
- Gastric motility; Peptide; Potassium channel; Fundus strip, 113
- Gastrin; Pancreatic polypeptide; Radioimmunoassay; Cholecystokinin; Neurotensin; Somatostatin, 43
- Gastrointestinal tract; Neuropeptide Y; Cholinergic stimulation; Rat, 83
- Guinea-pig; Short-circuit current; Substance P; Neurokinin 1 receptor, 215
- Immunoblotting; Immunocytochemistry; Neuroendocrine tissue; Secretogranin II; Secretory product, 201
- Immunocytochemistry; Neuroendocrine tissue; Secretogranin II; Secretory product; Immunoblotting, 201
- Interneuronal communication; Intracellular recording; Neuronal plasticity; Synaptic conductance; Cytokine; GABA, 1
- Intestinal solute transport; Epidermal growth factor; TGF $\alpha$ , 169
- Intracellular recording; Neuronal plasticity; Synaptic conductance; Cytokine; GABA; Interneuronal communication, 1
- Isolated working heart; Coronary constriction; Cardiac activity; Arginine-vasopressin; Nor-epinephrine, 35
- Joint inflammation; Carrageenan; Protein extravasation; Substance P, 227
- Lactotroph; Peptide; Anterior pituitary gland; Neuroendocrine; Paracrine, 103
- Laser Doppler flowmetry; Maxillary sinus; Mucociliary activity; Neuropeptide Y 1–36; Neuropeptide Y 16–36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY; PYY; Rabbit; Blood flow, 237
- Maxillary sinus; Mucociliary activity; Neuropeptide Y 1–36; Neuropeptide Y 16–36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY; PYY; Rabbit; Blood flow; Laser Doppler flowmetry, 237
- Motility; Pancreatico-duodenal segment;  $\alpha$ -Adrenoceptor; Galanin, 157
- Mucociliary activity; Neuropeptide Y 1–36; Neuropeptide Y 16–36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY; PYY; Rabbit; Blood flow; Laser Doppler flowmetry; Maxillary sinus, 237
- Mucosal mast cell; Vasoactive intestinal peptide; Enterochromaffin cell; Serotonin, 191
- Neuroendocrine tissue; Secretogranin II; Secretory product; Immunoblotting; Immunocytochemistry, 201
- Neuroendocrine; Paracrine; Lactotroph; Peptide; Anterior pituitary gland, 103
- Neurokinin 1 receptor; Guinea-pig; Short-circuit current; Substance P, 215
- Neuromedin N; Precursor processing; Bovine eye; Radioimmunoassay; Reverse phase HPLC; Neurotensin, 147
- Neuronal plasticity; Synaptic conductance; Cytokine; GABA; Interneuronal communication; Intracellular recording, 1
- Neuropeptide Y 1–36; Neuropeptide Y 16–36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY; PYY; Rabbit; Blood flow; Laser Doppler flowmetry; Maxillary sinus; Mucociliary activity, 237
- Neuropeptide Y 16–36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY; PYY; Rabbit; Blood flow; Laser Doppler flowmetry; Maxillary sinus; Mucociliary activity; Neuropeptide Y 1–36, 237
- Neuropeptide Y; Cholinergic stimulation; Rat; Gastrointestinal tract, 83
- Neuropeptide; Radioimmunoassay; Sleep; Polysomnography; Full-term baby; Preterm baby, 29
- Neurotensin; Neuromedin N; Precursor processing; Bovine eye; Radioimmunoassay; Reverse phase HPLC, 147
- Neurotensin; Protein phosphorylation; Caudate

- nucleus; P<sub>2</sub> fraction; Electrophoresis; Calcium, 55
- Neurotensin; Somatostatin; Gastrin; Pancreatic polypeptide; Radioimmunoassay; Cholecystokinin, 43
- Neurotoxicity; Organotypic culture; Substance P; Calcitonin gene-related peptide; Primary sensory neuron, 123
- Norepinephrine; Isolated working heart; Coronary constriction; Cardiac activity; Arginine-vasopressin, 35
- Organotypic culture; Substance P; Calcitonin gene-related peptide; Primary sensory neuron; Neurotoxicity, 123
- P<sub>2</sub> fraction; Electrophoresis; Calcium; Neurotensin; Protein phosphorylation; Caudate nucleus, 55
- Pancreatic polypeptide; Radioimmunoassay; Cholecystokinin; Neurotensin; Somatostatin; Gastrin, 43
- Pancreatico-duodenal segment;  $\alpha$ -Adrenoceptor; Galanin; Motility, 157
- Paracrine; Lactotroph; Peptide; Anterior pituitary gland; Neuroendocrine, 103
- Parotid and submandibular gland; Fluid and protein secretion; Synergism between substance P and VIP, 95
- Peptidase; Tachykinin metabolism; Enkephalinase; Peptide, 137
- Peptide; Anterior pituitary gland; Neuroendocrine; Paracrine; Lactotroph, 103
- Peptide; Gastric lesion; Duodenal ulcer; Capsaicin; Cysteamine; Calcitonin gene-related peptide (CGRP), 19
- Peptide; Peptidase; Tachykinin metabolism; Enkephalinase, 137
- Peptide; Potassium channel; Fundus strip; Gastric motility, 113
- pGIP; pGIP(1-30)NH<sub>2</sub>; Bombesin-stimulated amylase secretion; Gastric acid secretion; Chronic gastric fistula rat; Gastric inhibitory polypeptide, 9
- pGIP(1-30)NH<sub>2</sub>; Bombesin-stimulated amylase secretion; Gastric acid secretion; Chronic gastric fistula rat; Gastric inhibitory polypeptide; pGIP, 9
- Pituitary gland; Adrenal gland; C-type natriuretic peptide; Atrial natriuretic peptide; Autoradiography in vitro; Brain, 177
- Polysomnography; Full-term baby; Preterm baby; Neuropeptide; Radioimmunoassay; Sleep, 29
- Potassium channel; Fundus strip; Gastric motility; Peptide, 113
- Precursor processing; Bovine eye; Radioimmunoassay; Reverse phase HPLC; Neurotensin; Neuromedin N, 147
- Preterm baby; Neuropeptide; Radioimmunoassay; Sleep; Polysomnography; Full-term baby, 29
- Primary sensory neuron; Neurotoxicity; Organotypic culture; Substance P; Calcitonin gene-related peptide, 123
- Protein extravasation; Substance P; Joint inflammation; Carrageenan, 227
- Protein phosphorylation; Caudate nucleus; P<sub>2</sub> fraction; Electrophoresis; Calcium; Neurotensin, 55
- PYY; Rabbit; Blood flow; Laser Doppler flowmetry; Maxillary sinus; Mucociliary activity; Neuropeptide Y 1-36; Neuropeptide Y 16-36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY, 237
- Rabbit; Blood flow; Laser Doppler flowmetry; Maxillary sinus; Mucociliary activity; Neuropeptide Y 1-36; Neuropeptide Y 16-36, [Leu<sup>31</sup>,Pro<sup>34</sup>]NPY; PYY, 237
- Radioimmunoassay; Cholecystokinin; Neurotensin; Somatostatin; Gastrin; Pancreatic polypeptide, 43
- Radioimmunoassay; Reverse phase HPLC; Neurotensin; Neuromedin N; Precursor processing; Bovine eye, 147
- Radioimmunoassay; Sleep; Polysomnography; Full-term baby; Preterm baby; Neuropeptide, 29
- Rat; Gastrointestinal tract; Neuropeptide Y; Cholinergic stimulation, 83
- Reverse phase HPLC; Neurotensin; Neuromedin N; Precursor processing; Bovine eye; Radioimmunoassay, 147
- Secretion; Atria; Atrial natriuretic peptide; ANF; Distension-reduction; Stretch, 67
- Secretogranin II; Secretory product; Immunoblotting; Immunocytochemistry; Neuroendocrine tissue, 201
- Secretory product; Immunoblotting; Immunocytochemistry; Neuroendocrine tissue; Secretogranin II, 201
- Serotonin; Mucosal mast cell; Vasoactive intestinal peptide; Enterochromaffin cell, 191
- Short-circuit current; Substance P; Neurokinin 1 receptor; Guinea-pig, 215
- Sleep; Polysomnography; Full-term baby; Preterm baby; Neuropeptide; Radioimmunoassay, 29
- Somatostatin; Gastrin; Pancreatic polypeptide; Radioimmunoassay; Cholecystokinin; Neurotensin, 43

- Stretch; Secretion; Atria; Atrial natriuretic peptide; ANF; Distension-reduction, 67  
Substance P; Calcitonin gene-related peptide; Primary sensory neuron; Neurotoxicity; Organotypic culture, 123  
Substance P; Joint inflammation; Carrageenan; Protein extravasation, 227  
Substance P; Neurokinin 1 receptor; Guinea-pig; Short-circuit current, 215  
Synaptic conductance; Cytokine; GABA; Interneuronal communication; Intracellular recording; Neuronal plasticity, 1  
Synergism between substance P and VIP; Parotid and submandibular gland; Fluid and protein secretion, 95  
Tachykinin metabolism; Enkephalinase; Peptide; Peptidase, 137  
TGF $\alpha$ ; Intestinal solute transport; Epidermal growth factor, 169  
Vasoactive intestinal peptide; Enterochromaffin cell; Serotonin; Mucosal mast cell, 191

